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0110 Intelligenetics
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FastDB - Fast Pairwise Comparison of Sequences
Release 5.4

Results file us-09-778-187b-2.res made by jdelaval on Fri 17 Jan 103 13:23:42-PST.

Query sequence being compared: US-09-778-187B-2 (1-442)
Number of sequences searched: 1
Number of scores above cutoff: 1

Results of the initial comparison of US-09-778-187B-2 (1-442) with:
File : 09-944907.pep

100-
N -
U 50-
M -
B -
E -
R -
O -
F 10-
S -
E 5-
O -
U -
E -
N -
C -
E -
S 0-
SCORE 0 47 94 141 188 235 282 329 376 423
STDEV

PARAMETERS

Similarity matrix Unitary 1 K-tuple 2
Mismatch penalty 1.00 Joining penalty 20
Gap penalty 0.05 Window size 32
Gap size penalty 0
Cutoff score 0
Randomization group 0

SEARCH STATISTICS

Scores: Mean 423 Median 0 Standard Deviation 0.00
Times: CPU 00:00:00.00 Total Elapsed 00:00:00.00

Number of residues: 440
Number of sequences searched: 1
Number of scores above cutoff: 1

The scores below are sorted by initial score.
Significance is calculated based on initial score.

A 100% identical sequence to the query sequence was not found.

The list of best scores is:

Sequence Name Description Length Score Score Sfg Frame
1. US-09-944-907-61 Sequence 61, Application 440 423 439 0.00 0

1. US-09-778-187B-2 (1-442)

US-09-944-907-61 Sequence 61, Application US/09944907

Sequence 61, Application US/09944907
GENERAL INFORMATION:

APPLICANT: Baker, Kevin
APPLICANT: Botstein, David
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Geriltsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul
APPLICANT: Grimaldi, Christopher
APPLICANT: Gurney, Austin
APPLICANT: Hillan, Kenneth
APPLICANT: Kljavin, Ivar
APPLICANT: Napier, Mary
APPLICANT: Roy, Margaret
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,907
CURRENT FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 61
LENGTH: 440
TYPE: PRT
ORGANISM: Homo Sapien

Initial Score = 423 Optimized Score = 439 Significance = 0.00
Residue Identity = 99% Matches = 440 Mismatches = 0
Gaps = 2 Conservative Substitutions = 0

X 10 20 30 40 50 60 70
MASVLPSSGSCCAAAAAAPPGLRLRLLLFSAALIPGSGONLFRKDYVIEGEVATISCOVNSDDS
MASVLPSSGSCCAAAAAAPPGL--LRLLLLFSAALIPGSGONLFRKDYVIEGEVATISCOVNSDDS
X 10 20 30 40 50 60 70
VIQLLPNROTIYFRDFRPLKDSRFQLNFSSSELKVSITNVISIDEGRYFCOLYTDPPQESYTTIVLVPP
VIQLLPNROTIYFRDFRPLKDSRFQLNFSSSELKVSITNVISIDEGRYFCOLYTDPPQESYTTIVLVPP
X 80 90 100 110 120 130 140
RNLMDIDOKDTAVEGEIEVNCTAAMSKPATTTIRMFKGTTELKGSSEVEWSDMTVTTSQMLKVKHKEDDV
RNLMDIDOKDTAVEGEIEVNCTAAMSKPATTTIRMFKGTTELKGSSEVEWSDMTVTTSQMLKVKHKEDDV
X 150 160 170 180 190 200 210
RNLMDIDOKDTAVEGEIEVNCTAAMSKPATTTIRMFKGTTELKGSSEVEWSDMTVTTSQMLKVKHKEDDV
RNLMDIDOKDTAVEGEIEVNCTAAMSKPATTTIRMFKGTTELKGSSEVEWSDMTVTTSQMLKVKHKEDDV
X 150 160 170 180 190 200 210
PVICOVHRAVGNLQOTORYLEVOYKRPVNIQMTYRPLQGLTREGDALELTCEAIKQPQVWVTVWVRVDEMP
PVICOVHRAVGNLQOTORYLEVOYKRPVNIQMTYRPLQGLTREGDALELTCEAIKQPQVWVTVWVRVDEMP
X 220 230 240 250 260 270 280
OHAVALSGPMLFTNNLNKTDNGTYRCEASNIYGAHSDYMLVYVDPPTTIPPTTTTITTTTITTTTITTTT
OHAVALSGPMLFTNNLNKTDNGTYRCEASNIYGAHSDYMLVYVDPPTTIPPTTTTITTTTITTTTITTTT
X 290 300 310 320 330 340 350
OHAVALSGPMLFTNNLNKTDNGTYRCEASNIYGAHSDYMLVYVDPPTTIPPTTTTITTTTITTTTITTTT
OHAVALSGPMLFTNNLNKTDNGTYRCEASNIYGAHSDYMLVYVDPPTTIPPTTTTITTTTITTTTITTTT

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370      380      390      400      410      420      430
SRAGEGSI RAVDHA VIGVAVVVFAMLC LIIIGRYFARHKGTTFTH EAKGADDA DADADTFAIINAE GGN
|||||
360      370      380      390      400      410      420      430
SRAGEGSI RAVDHA VIGVAVVVFAMLC LIIIGRYFARHKGTTFTH EAKGADDA DADADTFAIINAE GGN
|||||
440 X
NSEEKKEYFI
|||||
NSEEKKEYFI
440

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